ARMY OIL ANALYSIS PROGRAM

AOAP

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What's New

Program Management Office (PM) Army Oil Analysis Program (AOAP) has exciting news; The 24-fixed base and two National Guard Mobile Laboratories are being updated with new software. The Rehost Oil Analysis Standard Interservice System (OASIS) LAN-based operating system is being fielded. Rehost OASIS will expedite the forwarding of oil analysis results. Abnormal results will immediately be sent to units via the Internet from the servicing oil analysis laboratory to the owning unit. Rehost OASIS will significantly decrease unit down time and increase unit equipment availability by getting oil analysis results into the hands of the maintainers more quickly.

Army Transformation and Revision of AOAP Publications

The Army is in the process of updating and revising primary AOAP directives and publications. There will be sweeping changes in the equipment enrolled in the program, including sampling intervals. The following publications will be updated during the next update cycle:

AR 700-132 Joint Oil Analysis Program
AR 750-1 Maintenance of Supplies and Equipment, Army Materiel Maintenance Policy and Retail Maintenance Operations
AMCR 11-47 Army Oil Analysis Program (USAMC internal directive)
DA Pam 738-750 Functional Users Manual for the Army Maintenance Management System (TAMMS)
DA Pam 738-751 Functional Users Manual for the Army Maintenance Management System - Aviation (TAMMS-A)
TB 43-0106 Aeronautical Equipment, AOAP
TB 43-0211 AOAP Guide for Leaders and Users
TM 38-301 Joint Oil Analysis Program Manual

Additional publications will be revised to conform to transformation of AOAP. AR 700-132 and TM 38-301 will address coordination and interservice support with other military departments for oil analysis testing. AR 750-1 outlines senior management and command responsibilities, as well as program policies. As the principle action agent for the Army's oil analysis program, USAMC will update AMCR 11-47 to ensure program management and materiel development remains consistent with Army Transformation policies.

USAREUR AOAP Laboratories Support to Deploying AH 64 Units.

The Coleman Barracks AOAP laboratory in Manheim, Germany notified a deploying AH 64 aviation unit that all twelve oil samples from their unit were contaminated. The FT-IR, which detects the presence of contaminants such as water, fuel, coolant, acidity, additive level, and oxidation, discovered that the wrong type of servicing oil was present in the twelve aircrafts. The FT-IR detected the presence of MIL-H-5606 servicing oil mixed with MIL-H-832822 SPEC. The units' aviation maintenance officer was immediately notified and elected to do a full service on the helicopters. The service confirmed that MIL-H-5606 had been

inadvertently mixed with MIL-H-832822 SPEC. If the Coleman Barracks FT-IR had not detected this problem, the seals in the AH 64 helicopters would have been destroyed. This would have ultimately resulted in flight control problems in the helicopter. The helicopter systems were rechecked by AOAP and released back to normal sampling. The AH 64 aviation unit sent a letter of appreciation to Coleman Barracks for their exemplary work in detecting this problem, which could have lead to catastrophic results during flight.

Reconciliation of OASIS and LIDB Maintenance Tables

OASIS is moving from FoxPro to ORACLE. As most may know, the ReHost OASIS is built on ORACLE; we are currently converting all the labs' system to ORACLE operating system. With the new software installed to all the labs, the tables will update systematically from LOGSA by connecting to the LOGSA system.

Meanwhile, we are updating LOGSA's LIDB AOAP reference tables. This will enable changes/additions in LOGSA's system to update the ReHost OASIS tables. While non-Rehost tables will be updated with the FoxPro, allowing tables that will be created from the LIDB reference tables. We are working on this currently and will notify you with the new procedure soon.

2003 Laboratory Chief and COR Conference

The Army Oil Analysis Program Manager office and staff hosted the 2003 Annual Lab Chief and COR Conference. The Conference was held at the Tom Bevill Conference Center and Hotel 10-13 June.

The objective of the conference was is to establish a forum to discuss and evaluate effectiveness of the AOAP support to the Army. Discussion included the restructure/ overhaul of AOAP and OASIS Rehost and other lab related issues.

From the Inside

The members of Redstone AOAP would like to say good-bye to Mrs. Netia Mayton and Mr. James Lin.

Mrs. Mayton, Army Oil and Analysis Administrative Assistant retired on 03Apr03, after serving 21 years of federal service, of which 17 years she devoted to AOAP. Her knowledge and expertise will be greatly missed by her colleagues. We wish you all the best.

Mr. Jim Lin retired with 22 years active duty (Army) during his military career Mr. Lin served several tours in Vietnam and served in many positions. Mr. Lin became a member Army Oil Analysis Program Management Office in 1984. Serving as Action Officer, Team Leader, and acting PM AOAP. From all the folks in AOAP “Godspeed”.

Up The Road…

Plans are underway for an AOAP Mobile Lab Conference sometime in mid to late September. The objective of the conference will be to discuss future doctrine and alternatives solutions/improvements to current operations. A second worldwide conference is in the planning stages. Tentatively scheduled for late January, early February 04.

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